

**GOVERNMENT OF INDIA
SHIPPING
LOK SABHA**

STARRED QUESTION NO:175

ANSWERED ON:28.07.2016

Transportation through Waterways

Patel Shri Prahlad Singh;Shrirang Shri Chandu Barne

Will the Minister of SHIPPING be pleased to state:

- (a) the details of waterways being used in the country along with length thereof and the number of ships/vessels being run thereon along with the quantum/type of cargo being transported, State/UT-wise;
- (b) the details of funds allocated/released by the Government for their development during the last three years and the current year, State/UT-wise;
- (c) whether the Government proposes to increase the target of transportation through waterways in the country from existing 6 per cent to 15 per cent and if so, the details thereof; (d) whether the big waterways such as river Ganga may be used for medium-size cargo/passenger ships and if so, the details thereof; and
- (e) the other steps taken/being taken by the Government to fully utilise the transportation potential of waterways in the country?

Answer

MINISTER OF SHIPPING
(SHRI NITIN GADKARI)

(a)to(e): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (E) OF LOK SABHA STARRED QUESTION NO.175 BY SHRI PRAHLAD SINGH PATEL & SHRI SHRIRANG APPA BARNE, M.P.S ON "TRANSPORTATION THROUGH WATERWAYS"

(a): Under the National Waterways Act, 2016, 111 inland waterways have been declared as National Waterways (NWs). Both private and government owned vessels transporting cargo, passengers, tourists, vehicles and those undertaking survey work and dredging are plying on the following six NWs:-

- (i) NW-1: Ganga-Bhagirathi-Hooghly river system (Allahabad-Haldia, total length -1620 km) in the states of Uttar Pradesh, Bihar, Jharkhand and West Bengal.
- (ii) NW-2: River Brahmaputra (Dhubri-Sadiya, total length - 891 km) in Assam.
- (iii) NW-3: West Coast Canal (Kottapuram-Kollam) along with Udyogmandal and Champakara Canals, total length -205 km in Kerala.
- (iv) NW-68: Mandovi (41 km) in Goa.
- (v) NW-111: Zuari (50 km) in Goa.
- (vi) NW-97: Sundarbans Waterway (654 km): Indo Bangladesh Protocol Route.

The quantum and type of cargo transported on the above NWs during the last three years is in Table-1.

Table-1: Quantity and type of cargo

Sl.

No. NW 2013-14 2014-15 2015-16 Type of Cargo Moved

1. NW- 1 33.49 50.50 39.53 Cement, Fly Ash, Iron ore, Iron Ore Fines, Coal, Steel Shed, Tyres, Iron Fines, Iron ingots, Galvanized Steel Plain Sheet, Stone Chips, Furnace oil, HF HSD, Lube Oil, Boulders, Pulses, Aluminum block, Sand, Ship block, Log, Pulses, Manganese Ore, Petroleum Coke, Coking coal, Rock Phosphate, Timber, Peas, Slag oil, Non coking coal, ODC etc.
2. NW- 2 24.75 24.92 6.02 Bamboo, Bamboo products, Cement, Building material, fertilizers, Food grains, Milk & other essential commodities etc.
3. NW -3 10.66 8.44 10.61 Phosphoric Acid, Sulphur, Zinc, Furnace oil, Rock Phosphate, Various commodities in containers, Furnace oil-bunkering, POL(bunkering to ships), Potable water, Lime shell with clay and other impurities, Liquid Effluent.
4. NW-68 &
NW-111 5.99 7.94 4.32* Iron ore.
5. NW-97 18.00 18.70 20.00 Fly ash is transported from Kolkata to Bangladesh through this waterway.
(in Lakh M.T.)

* Provisional

(b):The details of funds allocated by the government for the development of Inland Water Transport (IWT) during 2013-14 to 2016-17 are at Table-2.

Table-2: Funds allocated for development of Inland Water Transport

Year Revised Estimate

2013-14 Rs. 144 crore

2014-15 Rs. 117.917 crore

2015-16 Rs. 298.72 crore

2016-17 Rs. 350 crore (Budget Estimate)

Rs. 1000 crore to be raised through bonds by the Inland Waterways Authority of India (IWAI).

(c): As per the National Perspective Plan prepared under the Sagarmala programme, the share of coastal and inland waterways in the country's modal mix is to be increased from 6% to 12% by 2025 through a number of initiatives. The modal share of IWT Sector in the total transportation sector is 0.5% at present. The phase-wise development of 111 declared NWs for navigation and transportation will result in the IWT mode becoming a sustainable and commercially viable mode of transport. The various measures to develop the NWs include fairway development, construction of multimodal terminals, river navigation aids, jetties and terminals, dredging etc.

(d): To enable movement of medium size cargo vessels between Haldia and Varanasi, the Jal Marg Vikas Project for capacity augmentation of NW-1 has been undertaken with technical and financial assistance of the World Bank. The project aims at developing the fairway of NW-1 to enable safe and environment friendly navigation of at least 1,500 ton vessels from Varanasi to Haldia. 2000 tons capacity cargo vessels are already moving in the stretch between Haldia to Farakka.

(e): A major step taken to exploit the vast potential of IWT in the country, is that 106 new waterways have been declared as NWs under the National Waterways Act, 2016, in addition to the existing five NWs. A list of the 111 NWs is at Annexure.

Feasibility Study and Detailed Project Reports (DPRs) are being prepared for the waterways in a phased manner. Depending on the outcome of these studies, development of the NWs would be undertaken in a phased manner. Based on the available reports, six NWs viz. NW- 4 (Kakinada-Puducherry Canal along with Krishna & Godavari rivers), NW- 5 (East Coast Canal with Brahmani & Mahanadi Delta), NW-16 (Barak), NW-37 (Gandak), NW-40 (Ghagra), NW-58 (Kosi) have been taken up for development in the first phase in addition to the 5 NWs that are already being used for cargo and/or passenger transportation.

Annexure

STATEMENT REFERRED TO IN REPLY TO PART (e) OF LOK SABHA STARRED QUESTION NO. 175 ANSWERED ON 28th JULY, 2016 REGARDING TRANSPORTATION THROUGH WATERWAYS

LIST OF 111 - NATIONAL WATERWAYS

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Sl. No

National Waterways Approximate Length (Km.) State

1. National Waterway-1 1620 UP, Bihar, Jharkhand, West Bengal
2. National Waterway-2 891 Assam
3. National Waterway-3 365 Kerala
4. National Waterway-4 2890 Tamil Nadu, Andhra Pradesh, Telangana
5. National Waterway-5 588 Odisha, West Bengal
6. National Waterway-6 71 Assam
7. National Waterway-7 96 West Bengal
8. National Waterway-8 28 Kerala
9. National Waterway-9 38 Kerala
10. National Waterway-10 45 Maharashtra
11. National Waterway-11 98 Maharashtra
12. National Waterway-12 5.5 UP
13. National Waterway-13 11 Tamil Nadu
14. National Waterway-14 49 Odisha
15. National Waterway-15 137 West Bengal
16. National Waterway-16 121 Assam
17. National Waterway-17 191 HP & Punjab
18. National Waterway-18 73 Assam
19. National Waterway-19 68 UP
20. National Waterway-20 94 Tamil Nadu
21. National Waterway-21 139 Telangana Karnataka
22. National Waterway-22 156 Odisha
23. National Waterway-23 56 Odisha
24. National Waterway-24 60 UP
25. National Waterway-25 33 Goa
26. National Waterway-26 53 J&K & Punjab
27. National Waterway-27 17 Goa
28. National Waterway-28 45 Maharashtra
29. National Waterway-29 135 West Bengal
30. National Waterway-30 114 Assam
31. National Waterway-31 110 Assam
32. National Waterway-32 63 Assam
33. National Waterway-33 61 Assam
34. National Waterway-34 130 West Bengal
35. National Waterway-35 113 West Bengal
36. National Waterway-36 121 West Bengal
37. National Waterway-37 300 Bihar & UP

38 National Waterway-38 62 Assam & West Bengal
39 National Waterway-39 49 Meghalaya
40 National Waterway-40 340 Bihar & UP
41 National Waterway-41 112 Karnataka
42 National Waterway-42 518 UP
43 National Waterway-43 10 Karnataka
44 National Waterway-44 64 West Bengal
45 National Waterway-45 650 Haryana, Punjab & Rajasthan
46 National Waterway-46 35 J&K
47 National Waterway-47 131 West Bengal
48 National Waterway-48 590 Rajasthan & Gujarat
49 National Waterway-49 110 J&K
50 National Waterway-50 43 Meghalaya & Assam
51 National Waterway-51 23 Karnataka
52 National Waterway-52 54 Karnataka
53 National Waterway-53 145 Maharashtra
54 National Waterway-54 86 UP & Bihar
55 National Waterway-55 364 Tamil Nadu
56 National Waterway-56 23 Jharkhand
57 National Waterway-57 46 Assam
58 National Waterway-58 236 Bihar
59 National Waterway-59 28 Kerala
60 National Waterway-60 77 West Bengal
61 National Waterway-61 28 Meghalaya
62 National Waterway-62 100 Assam
63 National Waterway-63 327 Rajasthan
64 National Waterway-64 425 Odisha
65 National Waterway-65 81 West Bengal
66 National Waterway-66 248 Gujarat
67 National Waterway-67 94 Karnataka
68 National Waterway-68 41 Goa
69 National Waterway-69 5 Tamil Nadu
70 National Waterway-70 242 Maharashtra, &Telangana
71 National Waterway-71 27 Goa
72 National Waterway-72 60 Maharashtra
73 National Waterway-73 227 Gujarat
74 National Waterway-74 78 Karnataka
75 National Waterway-75 141 Tamil Nadu
76 National Waterway-76 23 Karnataka
77 National Waterway-77 20 Tamil Nadu
78 National Waterway-78 265 Maharashtra &Telangana
79 National Waterway-79 29 Andhra Pradesh
80 National Waterway-80 125 Tamil Nadu
81 National Waterway-81 35 Bihar
82 National Waterway-82 72 Assam
83 National Waterway-83 31 Maharashtra
84 National Waterway-84 42 HP & J&K
85 National Waterway-85 31 Maharashtra
86 National Waterway-86 72 West Bengal
87 National Waterway-87 212 Gujarat
88 National Waterway-88 14 Goa
89 National Waterway-89 46 Maharashtra
90 National Waterway-90 29 Karnataka
91 National Waterway-91 52 Maharashtra
92 National Waterway-92 26 West Bengal
93 National Waterway-93 62 Meghalaya
94 National Waterway-94 160 Bihar
95 National Waterway-95 111 Assam
96 National Waterway-96 314 Jharkhand, West Bengal & Odisha
97 National Waterway-97 (Sunderbans) 654 West Bengal
98 National Waterway-98 377 Punjab & HP
99 National Waterway-99 64 Tamil Nadu
100 National Waterway-100 436 Maharashtra & Gujarat
101 National Waterway-101 42 Nagaland
102 National Waterway-102 86 Mizoram
103 National Waterway-103 73 UP
104 National Waterway-104 230 Telangana, Karnataka & AP
105 National Waterway-105 16 Karnataka
106 National Waterway-106 20 Meghalaya
107 National Waterway-107 45 Tamil Nadu
108 National Waterway-108 53 UP

109 National Waterway-109 164 Maharashtra &Telangana
110 National Waterway-110 1089 Haryana, UP & Delhi
111 National Waterway-111 50 Goa

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